

## Supplementary Material

**Supplementary Table 1 – Waist circumference, in centimeters, of the patients Untreated (before) and Treated (after) with Nebivolol. Raw data collected.**

Sex	Men		Women	
Group	Untreated	Treated	Untreated	Treated
Waist circumference (cm)	115.0	120.0	102.0	118.0
	118.0	83.0	101.0	81.0
	114.0	98.0	96.0	95.0
	118.0	96.0	113.0	95.0
	109.0	93.0	98.0	86.0
	101.0	82.0	116.0	83.0
	117.0	115.0	103.0	113.0
	101.0	102.0	114.0	93.0
	104.0	97.0	113.0	99.0
	111.0	88.0	114.0	82.0
	88.0	78.0	86.0	75.0
	92.0	78.0	90.0	76.0

## Supplementary Material

**Supplementary Table 2 – Clinical, biochemical, and electrocardiographic parameters in patients Untreated (before) and Treated (after) with Nebivolol. Raw data collected.**

Variable	Untreated	Treated
	160.0	130.0
	140.0	130.0
	150.0	130.0
	130.0	120.0
	120.0	120.0
	140.0	120.0
	150.0	130.0
	150.0	130.0
	120.0	120.0
	140.0	130.0
	160.0	130.0
Systolic blood pressure (mmHg)	150.0	120.0
	140.0	120.0
	160.0	130.0
	150.0	120.0
	140.0	130.0
	150.0	140.0
	140.0	130.0
	140.0	120.0
	150.0	130.0
	140.0	120.0
	120.0	120.0
	120.0	120.0
	160.0	120.0

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	100.0	80.0
	80.0	80.0
	100.0	90.0
	85.0	80.0
	80.0	80.0
	95.0	80.0
	100.0	80.0
	100.0	80.0
	90.0	80.0
	100.0	80.0
	100.0	80.0
	95.0	80.0
Diastolic blood pressure (mmHg)	90.0	80.0
	100.0	90.0
	100.0	80.0
	100.0	80.0
	100.0	80.0
	95.0	80.0
	95.0	80.0
	100.0	80.0
	90.0	80.0
	80.0	70.0
	80.0	80.0
	100.0	80.0

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		93.0	75.0
		75.0	60.0
		85.0	75.0
		80.0	75.0
		75.0	65.0
		80.0	75.0
		72.0	60.0
		70.0	65.0
		70.0	65.0
		70.0	65.0
		85.0	60.0
Heart rate	Total	75.0	60.0
(bpm)		70.0	55.0
		80.0	70.0
		80.0	70.0
		88.0	85.0
		75.0	65.0
		60.0	68.0
		70.0	60.0
		75.0	70.0
		75.0	65.0
		75.0	70.0
		70.0	65.0
		85.0	65.0

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		93.0	75.0
		85.0	75.0
		80.0	75.0
		80.0	75.0
	≥ 80	85.0	60.0
		80.0	70.0
		80.0	70.0
		88.0	85.0
		85.0	65.0
		75	60
		75	65
Heart rate		72	60
(bpm)		70	65
		70	65
		70	65
		75	60
	< 80	70	55
		75	65
		60	68
		70	60
		75	70
		75	65
		75	70
		70	65

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		93.0	90.0
		84.0	83.0
		74.0	97.0
		87.0	81.0
		96.0	83.0
		94.0	80.0
		86.0	78.0
		86.0	94.0
		81.0	88.0
		145.0	110.0
		98.0	86.0
Glucose	Total	89.0	96.0
(mg/dL)		77.0	83.0
		124.0	83.0
		98.0	78.0
		98.0	94.0
		87.0	92.0
		154.0	107.0
		86.0	75.0
		96.0	91.0
		99.0	111.0
		85.0	88.0
		85.0	82.0
		95.0	99.0

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		145.0	110.0
	$\geq 100$	124.0	83.0
		154.0	107.0
		93.0	90.0
		84.0	83.0
		74.0	97.0
		87.0	81.0
		96.0	83.0
		94.0	80.0
		86.0	78.0
		86.0	94.0
Glucose		81.0	88.0
(mg/dL)		98.0	86.0
	$< 100$	89.0	96.0
		77.0	83.0
		98.0	78.0
		98.0	94.0
		87.0	92.0
		86.0	75.0
		96.0	91.0
		99.0	111.0
		85.0	88.0
		85.0	82.0
		95.0	99.0

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		150.0	142.0
		219.0	211.0
		226.0	184.0
		287.0	232.0
		230.0	220.0
		218.0	191.0
		179.0	170.0
		186.0	189.0
		182.0	184.0
		152.0	147.0
		150.0	146.0
Total cholesterol	Total	239.0	213.0
(mg/dL)		160.0	133.0
		246.0	243.0
		243.0	216.0
		195.0	211.0
		222.0	216.0
		179.0	172.0
		155.0	158.0
		142.0	133.0
		151.0	187.0
		156.0	140.0
		183.0	170.0
		190.0	142.0

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		219.0	211.0
		226.0	184.0
		287.0	232.0
		230.0	220.0
	> 200	218.0	191.0
		239.0	213.0
		246.0	243.0
		243.0	216.0
		222.0	216.0
		150.0	142.0
Total cholesterol		179.0	170.0
(mg/dL)		186.0	189.0
		182.0	184.0
		152.0	147.0
		150.0	146.0
		160.0	133.0
	≤ 200	195.0	211.0
		179.0	172.0
		155.0	158.0
		142.0	133.0
		151.0	187.0
		156.0	140.0
		183.0	170.0
		190.0	142.0

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HDL (mg/dL)	Total		
		32.0	35.0
		69.0	66.0
		37.0	31.0
		41.0	42.0
		69.0	83.0
		62.0	47.0
		29.0	32.0
		33.0	33.0
		45.0	56.0
		43.0	42.0
		43.0	42.0
		67.0	58.0
		51.0	48.0
		35.0	39.0
		38.0	35.0
		38.0	37.0
		47.0	44.0
		42.0	47.0
		35.0	37.0
		37.0	39.0
		51.0	50.0
		38.0	47.0
		42.0	44.0
		41.0	57.0

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		32.0	35.0
		37.0	31.0
		29.0	32.0
		33.0	33.0
	< 40	35.0	39.0
		38.0	35.0
		38.0	37.0
		35.0	37.0
		37.0	39.0
		38.0	47.0
HDL		69.0	66.0
(mg/dL)		41.0	42.0
		69.0	83.0
		62.0	47.0
		45.0	56.0
		43.0	42.0
		43.0	42.0
	≥ 40	67.0	58.0
		51.0	48.0
		47.0	44.0
		42.0	47.0
		51.0	50.0
		42.0	44.0
		41.0	57.0

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		98.0	86.0
		102.0	108.0
		165.0	134.0
		219.0	163.0
		115.0	69.0
		139.0	113.0
		89.0	86.0
		118.0	118.0
		123.0	109.0
		87.0	73.0
		86.0	73.0
LDL	Total	156.0	137.0
(mg/dL)		78.0	59.0
		168.0	152.0
		147.0	149.0
		128.0	147.0
		131.0	134.0
		107.0	92.0
		106.0	101.0
		84.0	60.0
		48.0	77.0
		82.0	60.0
		107.0	98.0
		103.0	53.0

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		102.0	108.0
		165.0	134.0
		219.0	163.0
		115.0	69.0
		139.0	113.0
		118.0	118.0
		123.0	109.0
		156.0	137.0
	> 100	168.0	152.0
		147.0	149.0
		128.0	147.0
LDL		131.0	134.0
(mg/dL)		107.0	92.0
		106.0	101.0
		107.0	98.0
		103.0	53.0
		89.0	86.0
		87.0	73.0
		86.0	73.0
	≤ 100	78.0	59.0
		84.0	60.0
		48.0	77.0
		82.0	60.0
		89.0	86.0

Triglycerides (mg/dL)	Total		
		97.0	101.0
		240.0	189.0
		123.0	97.0
		109.0	136.0
		234.0	342.0
		88.0	157.0
		83.0	78.0
		177.0	194.0
		74.0	98.0
		87.0	73.0
		110.0	162.0
		81.0	145.0
		155.0	133.0
		290.0	162.0
		290.0	156.0
		145.0	135.0
		221.0	193.0
		147.0	169.0
		70.0	102.0
		105.0	71.0
		260.0	302.0
		180.0	167.0
		162.0	140.0
		232.0	151.0

		240.0	189.0
		234.0	342.0
		177.0	194.0
		155.0	133.0
		290.0	162.0
	> 150	290.0	156.0
		221.0	193.0
		260.0	302.0
		180.0	167.0
		162.0	140.0
		232.0	151.0
Triglycerides		97.0	101.0
(mg/dL)		123.0	97.0
		109.0	136.0
		88.0	157.0
		83.0	78.0
		74.0	98.0
	≤ 150	87.0	73.0
		110.0	162.0
		81.0	145.0
		145.0	135.0
		147.0	169.0
		70.0	102.0
		105.0	71.0

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		0.71	0.79
		0.76	0.88
		0.87	0.85
		0.61	0.63
		0.58	0.56
		0.71	0.67
		0.83	0.74
		0.91	0.81
		0.86	0.72
		1.00	0.85
		1.00	0.85
Creatinine	Total	0.84	0.85
(mg/dL)		0.68	0.62
		1.30	1.26
		1.60	1.30
		0.82	0.73
		1.20	1.20
		0.62	0.70
		0.86	0.82
		1.10	1.05
		1.11	1.02
		0.92	0.80
		0.68	0.70
		1.68	1.34

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		1.00	0.85
		1.00	0.85
		1.30	1.26
		1.60	1.30
	$\geq 1$	1.20	1.20
		1.10	1.05
		1.11	1.02
		1.68	1.34
		0.71	0.79
		0.76	0.88
		0.87	0.85
Creatinine		0.61	0.63
(mg/dL)		0.58	0.56
		0.71	0.67
		0.83	0.74
	$< 1$	0.91	0.81
		0.86	0.72
		0.84	0.85
		0.68	0.62
		0.82	0.73
		0.62	0.7
		0.86	0.82
		0.92	0.8
		0.68	0.7

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		4.7	4.1
		4.0	4.1
		8.6	7.7
		5.9	5.8
		6.0	5.0
		3.7	2.9
		7.9	6.2
		8.5	10.5
		4.4	3.1
		6.4	5.9
		6.0	5.9
Plasmatic	Total	4.7	5.2
Uric acid		4.0	5.3
(mg/dL)		7.5	6.4
		8.4	5.8
		7.3	6.8
		5.3	4.7
		3.9	3.2
		7.8	5.8
		7.0	6.7
		9.8	9.7
		5.3	4.2
		3.7	3.2
		6.9	5.9

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		8.6	7.7
		6.0	5.0
		7.9	6.2
		8.5	10.5
		6.4	5.9
		6.0	5.9
	≥ 6	7.5	6.4
		8.4	5.8
		7.3	6.8
		7.8	5.8
		7.0	6.7
		9.8	9.7
Plasmatic		6.9	5.9
Uric acid			
(mg/dL)		4.7	4.1
		4	4.1
		5.9	5.8
		3.7	2.9
		4.4	3.1
	< 6	4.7	5.2
		4	5.3
		5.3	4.7
		3.9	3.2
		5.3	4.2
		3.7	3.2

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Interval PR (ms)	Total		
		140.0	160.0
		140.0	140.0
		140.0	160.0
		140.0	160.0
		140.0	160.0
		140.0	160.0
		140.0	180.0
		180.0	220.0
		120.0	140.0
		140.0	140.0
		140.0	180.0
		180.0	180.0
		160.0	160.0
		140.0	140.0
		180.0	220.0
		180.0	160.0
		180.0	160.0
		180.0	160.0
		160.0	160.0
		180.0	180.0
		160.0	180.0
		140.0	160.0
		180.0	180.0
		140.0	140.0

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		180.0	220.0
		180.0	180.0
		160.0	160.0
		180.0	220.0
		180.0	160.0
	$\geq 160$	180.0	160.0
		180.0	160.0
		160.0	160.0
		180.0	180.0
		160.0	180.0
		180.0	180.0
Interval PR		140.0	160.0
(ms)		140.0	140.0
		140.0	160.0
		140.0	160.0
		140.0	160.0
		140.0	160.0
	$< 160$	140.0	180.0
		120.0	140.0
		140.0	140.0
		140.0	180.0
		140.0	140.0
		140.0	160.0
		140.0	140.0

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Interval QRS  
(ms)

Total

100.0	100.0
90.0	90.0
90.0	90.0
80.0	80.0
90.0	80.0
80.0	80.0
80.0	90.0
110.0	130.0
80.0	90.0
100.0	100.0
80.0	90.0
80.0	80.0
90.0	90.0
100.0	110.0
110.0	130.0
100.0	110.0
90.0	100.0
110.0	120.0
90.0	90.0
90.0	90.0
90.0	100.0
90.0	90.0
100.0	100.0
100.0	100.0

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		100.0	100.0
		110.0	130.0
		100.0	100.0
		100.0	110.0
	$\geq 100$	110.0	130.0
		100.0	110.0
		110.0	120.0
		100.0	100.0
		100.0	100.0
		90.0	90.0
		90.0	90.0
Interval QRS		80.0	80.0
(ms)		90.0	80.0
		80.0	80.0
		80.0	90.0
		80.0	90.0
	$< 100$	80.0	90.0
		80.0	80.0
		90.0	90.0
		90.0	100.0
		90.0	90.0
		90.0	90.0
		90.0	100.0
		90.0	90.0

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		390.0	380.0
		390.0	370.0
		380.0	400.0
		360.0	360.0
		390.0	400.0
		400.0	380.0
		390.0	400.0
		380.0	380.0
		380.0	390.0
		400.0	380.0
		360.0	420.0
Interval QT	Total	400.0	400.0
(ms)		400.0	440.0
		380.0	400.0
		390.0	380.0
		400.0	400.0
		380.0	400.0
		400.0	400.0
		380.0	400.0
		360.0	380.0
		380.0	400.0
		360.0	400.0
		420.0	420.0
		360.0	400.0

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		390.0	380.0
		390.0	370.0
		380.0	400.0
		390.0	400.0
		400.0	380.0
		390.0	400.0
		380.0	380.0
		380.0	390.0
		400.0	380.0
	≥ 380	400.0	400.0
		400.0	440.0
Interval QT		380.0	400.0
(ms)		390.0	380.0
		400.0	400.0
		380.0	400.0
		400.0	400.0
		380.0	400.0
		380.0	400.0
		420.0	420.0
		360.0	360.0
		360.0	420.0
	< 380	360.0	380.0
		360.0	400.0
		360.0	400.0

## Supplementary Material

Supplementary Table 3 – Body mass index (BMI), in kg/cm<sup>2</sup>, of the patients Untreated (before) and Treated (after) with Nebivolol. Raw data collected.

		Untreated	Treated
		41.7	42.1
		22.1	21.4
		29.9	29.0
		25.3	23.6
		32.0	30.1
		21.5	20.7
		35.8	33.6
		37.0	36.6
		26.1	26.1
		35.3	34.6
BMI		31.6	31.2
(Kg/cm <sup>2</sup> )	Total	28.8	27.6
		25.2	25.6
		36.0	34.2
		29.3	27.0
		35.1	34.5
		25.5	23.8
		32.0	31.2
		32.0	30.2
		28.7	26.7
		27.8	27.1
		34.0	35.2
		26.9	24.7
		24.1	23.3

BMI  
(Kg/cm<sup>2</sup>)

≥ 25

< 25

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41.7	42.1
29.9	29.0
25.3	23.6
32.0	30.1
35.8	33.6
37.0	36.6
26.1	26.1
35.3	34.6
31.6	31.2
28.8	27.6
25.2	25.6
36.0	34.2
29.3	27.0
35.1	34.5
25.5	23.8
32.0	31.2
32.0	30.2
28.7	26.7
27.8	27.1
34.0	35.2
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26.9	24.7
22.1	21.4
21.5	20.7
24.1	23.3

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